



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Applicant:

Giora AMITZUR et al

Serial No.: 10/537,913

Filed: December 6, 2005

For: SYSTEM FOR DETERMINING ENDOTHELIAL
DEPENDENT VASOACTIVITY

Examiner: Not Yet Assigned

§ Group Art Unit: 3762

§ Attorney
§ Docket: 30028

Mail Stop amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Enclosed is a PTO Form 1449 which lists citations which may be material to the patentability and examination of the above identified application. Also enclosed are copies of the references cited. These are submitted in compliance with the duty of disclosure defined in 37 CFR 1.56. The Examiner is requested to make these citations of official record in this application.

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Respectfully submitted,

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Dated: July 20, 2006



JUL 24 2006

PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

<i>Complete if Known</i>	
Application Number	10/537,913
Filing Date	December 6, 2005
First Named Inventor	Giora AMITZUR et al
Art Unit	3762
Examiner Name	Not Yet Assigned

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U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Documents	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T 6
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
	2	EP 1360929	11-12-2003	Chowienczyck et al.		
	3	PCT WO 02/34105	02-2-2002	Lavie et al.		
	4	EP 1245183	02-2-2002	Ogura et al.		
	5	EP 1053714	11-22-2000	Ogura et al.		
	6	PCT WO 00/47110	08-17-2000	Orbach et al.		
Examiner Signature				Date Considered		

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⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

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Sheet	2	Of	4	Attorney Docket Number	30028
OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.			² T
	7	Wilkinson et al. "Increased Augmentation Index and Systolic Stress in Type 1 Diabetes Mellitus", Q J Med., 93(7): 441-448, 2000. P.441-442.			
	8	Hartley et al. "Hemodynamics of Atherosclerotic Mice", Proceedings of the 22nd Annual EMBS International Conference, Chicago, Ill., IEEE, 3: 2219-2222, 2000. P.2219.			
	9	Itoh et al. "The Therapeutic Effect of Lipo PGE1 on Diabetic Neuropathy-Changes in Endothelin and Various Angiopathic Factors", Prostaglandins, 66(3): 221-234, 2001. Abstract, § '02.5!.			
	10	Anderson et al. "Flow-Mediated and Reflex Changes in Large Peripheral Artery Tone in Humans", Circulation, 79: 93-100, 1989.			
	11	Armentano et al. "Arterial Wall Mechanics in Conscious Dogs. Assessment of Viscous, Inertial, and Elastic Moduli to Characterize Aortic Wall Behavior", Circulation Research, 76: 468-478, 1995.			
	12	Brendle et al. "Effects of Exercise Rehabilitation on Endothelial Reactivity in Older Patients With Peripheral Arterial Disease", The American Journal of Cardiology, 87: 324-329, 2001.			
	13	Anderson et al. "Close Relation of Endothelial Function in the Human Coronary and Peripheral Circulations", JACC (Journal of the American College of Cardiology), 26(5): 1235-1241, 1995.			
	14	Corretti et al. "Guidelines for the Ultrasound Assessment of Endothelial-Dependent Flow-Mediated Vasodilation of the Brachial Artery", Journal of the American College of Cardiology, 39(2): 257-265, 2002.			
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	16	Cosentino et al. "Endothelial Dysfunction in Diabetes Mellitus", Journal of Cardiovascular Pharmacology, 32(Suppl.3): S54-S61, 1998.			
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	18	Celermajer et al. "Cigarette Smoking Is Associated With Dose-Related and Potentially Reversible Impairment of Endothelium-Dependent Dilatation in Healthy Young Adults", Circulation, 88(Part 1): 2149-2155, 1993.			
	19	Celermajer et al. "Endothelium-Dependent Dilatation in the Systemic Arteries of Asymptomatic Subjects Relates to Coronary Risk Factors and Their Interactions", JACC (Journal of the American College of Cardiology), 24: 1468-1474, 1994.			
	20	Deanfield et al. "Silent Myocardial Ischaemia Due to Mental Stress", The Lancet, 2: 1001-1005, 1984.			
	21	Gage et al. "Vasoconstriction of Stenotic Coronary Arteries During Dynamic Exercise in Patients With Classic Angina Pectoris: Reversibility by Nitroglycerin", Circulation, 73: 865-876, 1986.			

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			First Named Inventor	Giora AMITZUR et al
			Group Art Unit	3762
			Examiner Name	Not Yet Assigned
Sheet	3	Of	4	Attorney Docket Number
30028				

22	Gordon et al. "Atherosclerosis Influences the Vasomotor Response of Epicardial Coronary Arteries to Exercise", Journal of Clinical Investigation, 83: 1946-1952, 1989.	
23	Hayano et al. "Decreased Magnitude of Heart Rate Spectral Components in Coronary Artery Disease. Its Relation to Angiographic Severity", Circulation, 81: 1217-1224, 1990.	
24	Wilkinson et al. "Nitric Oxide Regulates Local Arterial Distensibility In Vivo", Circulation, 105: 213-217, 2002.	
25	Egashira et al. "Reduction in Serum Cholesterol With Pravastatin Improves Endothelium-Dependent Coronary Vasomotion in Patients With Hypercholesterolemia", Circulation, 89: 2519-2524, 1994.	
26	Khoury et al. "Relation of Coronary Artery Disease to Atherosclerotic Disease in the Aorta, Carotid, and Femoral Arteries Evaluated by Ultrasound", American Journal of Cardiology, 80: 1429-1433, 1997.	
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30	Parati et al. "Spectral Analysis of Blood Pressure and Heart Rate Variability in Evaluating Cardiovascular Regulation. A Critical Appraisal", Hypertension, 25: 1276-1286, 1995.	
31	Pelat et al. "Rosuvastatin Decreases Caveolin-1 and Improves Nitric Oxide-Dependent Heart Rate and Blood Pressure Variability in Apolipoprotein E-/- Mice In Vivo", Circulation, 107: 2480-2486, 2003.	
32	Persson "Spectrum Analysis of Cardiovascular Time Series", American Journal of Physiology - Regulatory, Integrative and Comparative Physiology, 273: 1201-1210, 1997.	
33	Perticone et al. "Prognostic Significance of Endothelial Dysfunction in Hypertensive Patients", Circulation, 104: 191-196, 2001.	
34	Joannides et al. "Nitric Oxide Is Responsible for Flow-Dependent Dilation of Human Peripheral Conduit Arteries In Vivo", Circulation, 91: 1314-1319, 1995.	
35	Sorensen et al. "Atherosclerosis in the Human Brachial Artery", JACC (Journal of the American College of Cardiology), 29(2): 318-322, 1997.	
36	Stadler et al. "Measurement of the Time Course of Peripheral Vasoactivity: Results in Cigarette Smokers", Atherosclerosis, 138: 197-205, 1998.	
37	Vanhoufte "Endothelial Dysfunction and Atherosclerosis", European Heart Journal, 18(Suppl.E): E19-E29, 1997.	

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	38	Vita et al. "Patients With Evidence of Coronary Endothelial Dysfunction as Assessed by Acetylcholine Infusion Demonstrate Marked Increase in Sensitivity to Constrictor Effects of Catecholamines", <i>Circulation</i> , 85: 1390-1397, 1992.			
	39	Vogel et al. "Changes in Flow-Mediated Brachial Artery Vasoactivity With Lowering of Desirable Cholesterol Levels in Healthy Middle-Aged Men", <i>American Journal of Cardiology</i> , 77: 37-40, 1996.			
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	41	Widlansky et al. "The Clinical Implications of Endothelial Dysfunction", <i>Journal of the American College of Cardiology</i> , 42(7): 1149-1160, 2003.			
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Signature				Considered	

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